



SAMAGRA SHIKSHANA - KARNATAKA

E-TENDER NOTIFICATION

For supply of GKA 2.0 Math Kits to Government Primary and High Schools
of 06 districts of Kalyana Karnataka Region

**UNDER
SAMAGRA SHIKSHANA - KARNATAKA
PROJECT
FOR THE YEAR 2022-23 THROUGH E-PROCUREMENT**

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DISCLAIMER

The information contained in this tender document or subsequently provided to bidder(s) whether verbally or in documentary form by or on behalf of the Samagra Shikshana-Karnataka (SSK), is provided to the bidder(s) on terms and conditions set out in this tender document and all other terms and conditions subject to which such information is provided.

The purpose of this tender document is to provide the bidder(s) with information to assist the formulation of their proposals. This tender document does not purport to contain all the information that each bidder may require. This tender document may not be appropriate for all persons, and it is not possible for SSK to consider the investment objectives, financial situations and particular needs of each bidder who reads or uses this tender document. Each bidder should conduct its own visit and analysis and should check the accuracy, reliability and completeness of the information contained in this tender document and wherever necessary, obtain independent advice from appropriate sources. SSK makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the tender document.

SSK may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information contained in this tender document.

State Project Director
SSK

SAMAGRA SHIKSHANA-KARNATAKA (SSK)

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TENDER NOTIFICATION

E- Tender are invited from the manufacturers/suppliers of Teaching learning materials preferably with the experience of manufacturing/supplying materials of educational value.

To strengthen the Financial, Technical, manufacturing and Distribution capabilities and to execute the project, firms may submit their bid as Consortium and any one partner owning a factory and all the required machineries in the State of Karnataka for manufacturing of Math Teaching Learning Materials for Class 6 to 8.

A total of 9004 sets of Math Teaching Learning Materials (TLM) have to be manufactured and supplied to 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK. Each set consists of 26 items which includes 25 TLM's, 01 Teacher's manual all in a carry box.

The eligibility criteria or pre-qualification for the bidders is given in Part-2 of this document. Like-wise, the technical specifications for each of the Math TLMs to be manufactured and supplied are prescribed in Part-3, the terms and conditions governing the tender process and the contract as well as stipulations relating to submissions of bids, evaluation, acceptance etc are given in Part-4, format of technical bid in Part-5, the list of TLM in each set is furnished in Annexure-A and the list of schools to which the TLM have to be supplied is given in Annexure – B.

The technical and financial bids should be submitted through e-portal and a **samples / proto types of Math TLM and paper used for printing the manual along with Test Certification and** testing report dated between the date of publication of tender notification and submission of the sample on the next day of the last date of submission of tender to the office of State Project Director.

After receiving the Proto type Math TLM from the bidders along with the testing report dated between the date of publication of tender notification and submission of the sample and then the technical bids will be opened. If the samples / Proto type is not submitted by the bidders before specified date, those bids will not be evaluated. After the completion of evaluation of the technical bids by the tender evaluation committee, the financial bids of only those bidders who have qualified in the evaluation of technical bids will be considered for evaluation.

The technical bid should be submitted as per the formats given in Part-5 of this document. Attested copies of the following documents should be uploaded along with the technical bid.

1. Proof of registration copy of manufacturing of educational TLM's
2. Copy of the deed or lease agreement in support of ownership having details such as

- validity period of the agreement
3. Proof of ownership of machinery
4. Consortium agreement as partners.
5. GST registration certificates.
6. Annual GST Returns
7. Latest GST Returns
8. PAN registration certificate under the Indian Income Tax Act, 1961.
9. CA certified copy of annual turnover for the past 3 years.
10. Minimum Billing
11. Audited Financial Statements
12. Details of the past performance certificate particularly with reference to the manufacturing of Educational inputs and supply the same. Work completion certificate with regard to supply of educational inputs issued by competent authority.
13. Appendix- 1 to 26

The technical bid should accompany an Earnest Money Deposit of Rs 4.05 lakhs.

The tender time schedule is given in Part -1 of this document. The Pre-bid meeting will be held at the Office of the State Project Director, Samagra Shikshana-Karnataka (SSK), with the bidders who attend the meeting. No separate intimation with regard to the pre-bid meeting will be sent to individual bidders.

The L1 bidder shall be responsible for manufacturing and supplying the Math TLM to 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK as listed in annexure B of this document.

The tender document is available on the website <http://eproc.karnataka.gov.in> and can be downloaded. All subsequent notifications, changes and amendments on the document, if any, would be posted only on the same website.

The bidders will be required to register themselves with the Centre for E-Governance to participate in the bidding process and get necessary digital signature certificates. The details of the process of registration and obtaining the digital signature certificates are available on the same website: <http://eproc.karnataka.gov.in>. Necessary training and hands on experience in handling e-procurement system could be obtained from the centre for E- Governance at Bangalore. Details on help on this aspect could be sought on telephone number 080-22371090/ 22373788 or 9480051498 or through e-mail id: hphelpdesk.blr@intarvo.com.

State Project Director
SSK

Part-1
REQUEST FOR PROPOSAL

For manufacture and supply of Math Teaching Learning Materials for Class 6 to 8 to 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir located within the state of Karnataka.

Introduction:

Samagra Shikshana-Karnataka (SSK) is a project being implemented by the Samagra Shikshana-Karnataka (SSK) Samithi, which is, a society registered under the Societies Act, functioning under the Education Department of Government of Karnataka. The project is financed by the Government of India (Ministry of Human Resource Development) and Government of Karnataka.

The SSK samithi has already supplied Math Teaching Learning Materials to Class 4 and Class 5 students of 41148 Government primary schools of the state during 2015-16 to 2019-20.

The SSK samithi now intends to supply Math teaching learning materials to class 6-8 students of 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK for the year 2022-23.

Tender Time Schedule:

Tender Reference	No. SSK/QMT /GKA-2.0/tender/2022-23
Date of commencement of tender	07.01.2023
Amount put to tender	Rs.270.12 lakhs
Date of Pre Bid Meeting	17.01.2023 @ 3:00 P.M
Last date & Time for submission of Technical & Financial Bids	22.01.2023 @ 5:00 P.M
Date of submission of 01 Sample / Proto type Math TLM	On or before 22.01.2023 @ 05.00 PM
Date & Time of opening of Technical Bids	24.01.2023 @ 11.00 A.M
Date & Time of opening of Financial Bid	30.01.2023 @ 11.00 A.M
Date of signing of agreement and submission of Performance security	within 5 days of issue of letter of Intent
Supply period of the Teaching Learning Materials to the blocks of 06 districts of Kalyana Karnataka in Annexure-B	within 30 days from the date of work order
EMD amount payable electronically only	Rs. 4.05 lakh

In pursuance of this objective, the State Implementation Society of SSK in Karnataka, known as the Samagra Shikshana-Karnataka (SSK) Samithi, invites proposals from interested and eligible bidders to participate in this tender to manufacture and supply Teaching Learning Materials to the Block Education Offices, DIET's, DSERT and SSK of the State. Such interested bidders are required to submit proposals as specified in this tender document.

State Project Director
SSK

Scope of the work:

As Samagra Shikshana-Karnataka (SSK) - Karnataka intends to provide a total of 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK looking at the size of the exercise required in manufacturing and supplying of the TLM and that the entire work will be based on nature of materials to be supplied, it is intended to assign the work to eligible manufacturers with adequate machinery and infrastructure.




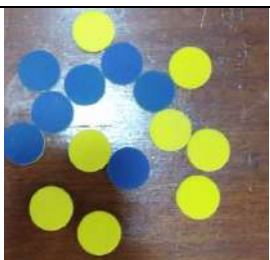
Part -3 of this document provides required information regarding the specification and diagram of each TLM which is listed in Annexure – A of this document.

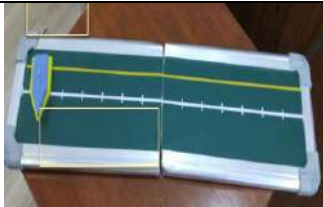

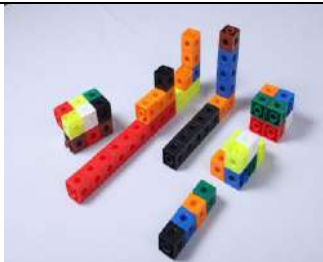
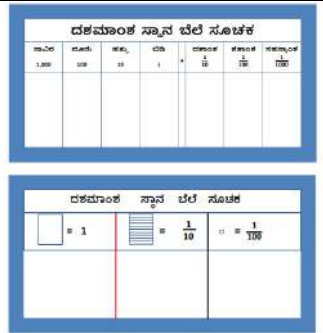

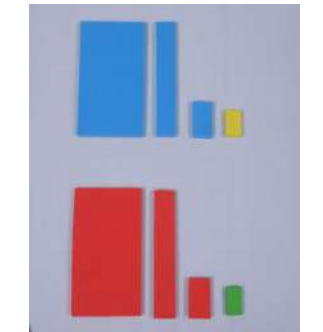
Required raw materials for the manufacturing of the TLM will have to be procured by the successful bidders. The bidder will also be responsible for supplying TLM to the schools mentioned in Annexure-B of this document.

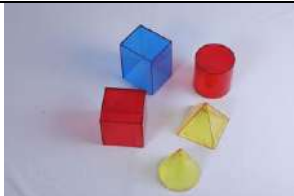



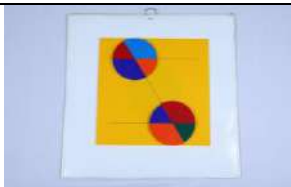
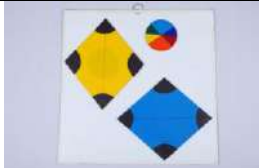


A total of 9004 sets of TLM have to be manufactured and supplied by the bidder.


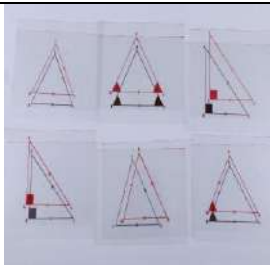



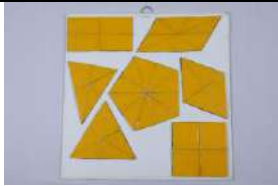
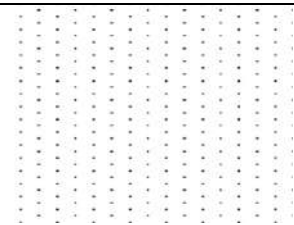
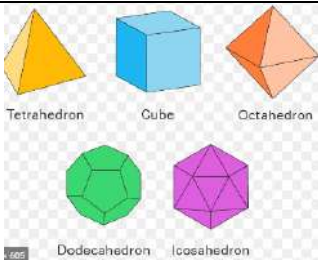
Particulars of Math Teaching Learning Materials

One TLM – Many concepts

Sr no	T L M	Concept	Pictures
1	Place value mat	Knowing the numbers <ul style="list-style-type: none"> Indian system International systems 	
2	Number counters	Knowing numbers <ul style="list-style-type: none"> Integers Whole numbers 	
3	Relationship strips	<ul style="list-style-type: none"> Factor and multiples Prime numbers Factorial tree Highest common factor (HCF), Least common multiple (LCM) Fractions 	
4	Round counters	<ul style="list-style-type: none"> Integers Data handling 	

5	Number line	<ul style="list-style-type: none"> • Whole numbers • Integers 	
6	Square counters	<ul style="list-style-type: none"> • Knowing numbers • Factor and multiples • Prime numbers • Factorial tree • Integers • Whole numbers • Ratio and proportions • Direct and inverse proportions • Algebraic functions • like and unlike terms • Square and square root • Regular equations • Data handling 	
7	Unifix cubes	<ul style="list-style-type: none"> • Factor and multiples • Prime numbers • Factorial tree • Highest common factor (HCF), Least common multiple (LCM) • Fractions • Square and square roots • Cube and cube roots 	
8	Decimal place value mat	<ul style="list-style-type: none"> • Knowing the decimals place value 	
9	Decimal set and tray	<ul style="list-style-type: none"> • Knowing the decimals • decimals operations 	
10	Algebraic tiles	<ul style="list-style-type: none"> • Algebraic expressions and types Terms of an expression • Like and unlike terms • Monomials, binomials, trinomials and polynomials • Basic operations of algebraic expressions • Finding the value of an expression • Identities 	

11	Solids and nets	<ul style="list-style-type: none"> • Introduction to 3d shapes • Lateral surface area • Total surface area • Volume • Cube and cube roots 	
12	Geo board	<ul style="list-style-type: none"> • Closed and open figures • Introduction to Polygons • Meaning and Types of Angles • Triangles • Quadrilaterals 	
12.a	Protractor	<ul style="list-style-type: none"> • Types of Angles • Linear pair of angles 	
13	Geometry multi learning models	<ul style="list-style-type: none"> • Properties of transversal lines • Introduction to Triangles • Introduction to Quadrilaterals • Introduction to Circles • Symmetries • polygons 	
14	Transversal lines	<ul style="list-style-type: none"> • properties of transversal lines • types of angles 	
15	Quadrilateral	<ul style="list-style-type: none"> • Introduction to Quadrilaterals • Types of quadrilaterals • Properties of quadrilaterals 	
16	Triangles	<ul style="list-style-type: none"> • Introduction to triangles • Types of triangles • Properties of triangles 	
17	Pythagoras theorem	<ul style="list-style-type: none"> • proof of pythagoras theorem 	

18	Circle	<ul style="list-style-type: none"> ● Introduction to circle 	
19	Pom sheets and frame	<ul style="list-style-type: none"> ● Congruence and similar of angle, square, rectangle ● Understanding the theorems for the triangles (SSS , SAS , ASA and AAS) congruence 	
20	Polygons	<ul style="list-style-type: none"> ● Introduction to Polygons 	
21	Symmetry	<ul style="list-style-type: none"> ● Introduction to symmetries 	
22	Dice	<ul style="list-style-type: none"> ● Probability 	
23	Axis Symmetry	<ul style="list-style-type: none"> ● Introduction to axis symmetries 	
24	Iso metric A4 sheets	<ul style="list-style-type: none"> ● To understand Regular and irregular polygons 	
25	Platonic solids	<p>To understand shapes of</p> <ul style="list-style-type: none"> ● Tetrahedron ● hexahedron ● octahedron ● dodecahedron ● icosahedron 	 <p>Tetrahedron Cube Octahedron</p> <p>Dodecahedron Icosahedron</p>

Part-2

Eligibility criteria or pre-qualification for the bidders:

- 1. To strengthen the Financial, Technical, manufacturing and Distribution capabilities to execute the project, firms may submit their bid as Consortium. However, maximum TWO firms are allowed to form as consortium.*

Bids submitted by a Consortium of two firms as partners formed after the notification of this tender, shall also comply with the following requirements:

- a. One of the partners shall be nominated as prime bidder, and this nomination shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
 - b. The prime bidder shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the Consortium, and the entire execution of the Contract, including payment, shall be done exclusively with the prime bidder;
 - c. Eligibility criteria shall be met by either of the consortium partners or both the consortium partners together.
 - d. Both the Consortium partners shall submit the affidavit separately that they have never been blacklisted by any Government department / Government undertaking / any other agency.
2. The bidder should be the manufacturer of TLM materials of educational interest.
 3. The bidders should own cutting machine and color printing machine to manufacture required TLMs which will be confirmed through field visits by SSK or their representative before awarding the contract.
 4. The bidder should have an average annual turnover of Rs. 600.00 lakhs during the last three years i.e., 2019-20, 2020-21 and 2021-22
 5. The bidder should have an experience of supplying the educational inputs to the schools and with an average worth of Rs. 300.00 lakhs in a single order during the last three years i.e., 2019-20, 2020-21 and 2021-22 along with work completion certificate from the competent authority.
 6. Turnover of the bidder for each year shall be certified by a chartered accountant. Photo copies of I.T. returns should be submitted for last three assessment years 2019-20, 2020-21 and 2021-22
 7. Any bidder blacklisted by any Government Department or by any other agency shall not be eligible for bidding. Every bidder would be required to submit an affidavit that the bidder has not been blacklisted as on bid submission date by any Government department / Government undertaking / any other agency.

8. **One sample / Proto types of Math TLM along with testing report that Nontoxic water based paint are used and comply with ROHS (Restriction of Hazardous Substance) through a Government agency. The date of report should be between the date of publication of tender notification and submission of the sample.**

Part-3

General Technical Specifications of the Math Teaching Learning Materials (TLM) to be supplied.

1. The materials to be used to manufacture each TLM should be as mentioned under each item in Pages 13 to 40 of this document.
2. The bidders need to submit the item wise production and supply plan along with the sample / prototype to the office of State Project Director. A committee constituted by SSK would look into the measurements and other components of the prototype material. The selected Bidder needs to adhere to the production and supply plan when he/she starts production and supply of items.
3. **Pre delivery Inspection:** Any one Sample would be drawn at the time of manufacturing and send it for testing to ensure the quality of raw material and finished product to know whether the materials are conforming to the specifications mentioned in the tender document.
4. **Post delivery Inspection:** One set would be drawn randomly from schools of 06 districts of Kalyana Karnataka region (total 06 sets) after the supply of the Math TLM by the successful bidder and send for testing to ensure that all the supplied Math TLM are as per the specifications fixed in the tender document.
5. The Bidder shall provide additional 6 sets to O/o SSK for replacing the sets being collected from Schools for Post Delivery testing.
6. If the testing results indicate deviation, then all the manufactured materials of that lot would be rejected and the bidder would be penalized for the inconvenience caused to SSK.
7. The bidder need to use the non-toxic eco-friendly water based paint and the bidder needs to give an undertaking on the same before supplying the TLM.
8. The tolerance level in identification and measurements is acceptable to the tune of +/- 2% deviation from the specification. However, any deviation of any material above the tolerance level will be penalized as per at the rate of 1% of the tendered value for deviation or may reject that particular material or replace that particular material of the consignment.
9. All the expenses of testing including courier charges or any other charges must be borne by the bidder. The same will be deducted while paying the bills raised by the bidder.
10. The pictures of each TLM are given in this document.

General Specifications for all TLMs:

- ▶ Nontoxic water based paint to be used and comply with ROHS (Restriction of Hazardous Substance)³

- ▶ Colour and size of all the models need to comply with the written specifications.
- ▶ Diagrams are not to scale and are only for reference.
- ▶ SSK shall reserve the right to confirm that the materials used are non-toxic.

Details of Technical Specification for each item

1. Place Value Mat

ಕೋಟಿಗಳು		ಲಕ್ಷಗಳು		ಸಾವಿರಗಳು		ಬಿಡಿಗಳು		
ಹತ್ತು ಕೋಟಿ	ಕೋಟಿ	ಹತ್ತು ಲಕ್ಷ	ಲಕ್ಷ	ಹತ್ತು ಸಾವಿರ	ಸಾವಿರ	ನೂರು	ಹತ್ತು	ಬಿಡಿ
10,00,00,000	1,00,00,000	10,00,000	1,00,000	10,000	1,000	100	10	1
10^8	10^7	10^6	10^5	10^4	10^3	10^2	10^1	10^0
ಮಿಲಿಯನ್ ಗಳು			ಸಾವಿರಗಳು			ಬಿಡಿಗಳು		
ನೂರು ಮಿಲಿಯನ್	ಹತ್ತು ಮಿಲಿಯನ್	ಮಿಲಿಯನ್	ನೂರು ಸಾವಿರ	ಹತ್ತು ಸಾವಿರ	ಸಾವಿರ	ನೂರು	ಹತ್ತು	ಬಿಡಿ
100,000,000	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1

1	Serial No.	Item - 1
2	Title of the Item	Place Value Mat (Flex, Rings)
3	Description of the Item	<p>Indian Number system - ones, tens, hundreds ,thousands, lakhs, ten lakhs, Crore and ten crore . Grouping of the number should be done as above picture – One’s, Thousand’s, Lakhs, Crores . The words- ones, tens, hundreds & thousands have to be printed in local language (kannada). The pictures in these places should be in color and corresponding to the above picture.</p> <p>International Number System – Ones, Tens, Hundreds, Thousand, Ten Thousand, Hundred Thousand, Million, Ten Million, Hundred Million Grouping of the number should be done as above picture – One’s, Thousand’s, Millions. The words- Ones, Tens, Hundreds, Thousand, Ten Thousand, Hundred Thousand, Million, Ten Million, Hundred Million have to be printed in local language (kannada). The pictures in these places should be in color and corresponding to the above picture The place value mat also has exponents and the expanded form of exponents.</p> <p>The blank line in row# 4 and #9 is used to place the number counters.</p>
4	Size	<ul style="list-style-type: none"> Printable area - 42 inch by 30 inch with 2 inch border. Rings – 30 mm outer dia X 10 mm hole dia X 5 mm thickness Total of 9 rows with Row 1 and 6 of 4.5 Inch, Row 2,3,4,5,7,8 and 9 of 3 Inch, Column 1 to 6 of 5 Inch, Column 6,7 and 9 of 4 Inch , 8 rings with holders where red rounds are marked
5	Material	Mat – Flex Print
6	Colour	Base – White, . Rings – White, c. Groups- Yellow, Light Orange(mustard), Green, Purple
7	Print	Font : Heading: Row # 1, 6 - 133 , All language Text : Row # 2,5,7 : 80, Number : in row #3,8 : 60 , Row : #4 & 9 blank
8	Finish	Fine and durable printing
9	Quantity	1 No
10	Package	Packed in Ziploc Cover

2. NUMBER COUNTERS



3. RELATIONSHIP STRIPS

1	Serial No.	Item - 2
2	Title of the Item	Number Counters
3	Description of the Item	Square counters with number 0-9 printed in them .
4	Size	2.5 x 2.5 sq inch
5	Material	4mm Yellow EVA Foam
6	Colour	a. Base – Yellow b. Print – Black (XXmm thickness prints)
7	Print	Font : • 150/Arial
8	Finish	Smooth and durable printing
9	Quantity	9 sets (0-9 numbers of 9 sets)
10	Package	Packed in Ziploc Cover



1	Serial No.	Item - 3
2	Title of the Item	Relationship Strips
3	Description of the Item	Relationship strips consist of colored, proportionally sized EVA pieces that represent 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10.
4	Size	400x35, 360x35, 320x35, 280x35, 240x35, 200x35, 160x35, 120x35, 80x35, 40x35 All in mm
5	Material	4mm EVA Foam
6	Colour	Colors : Orange (400x35) /Light Blue (360x35) /Tan Brown(320x35) /Black(280x35) /Dark Green (240x35) /Yellow (200x35) /Purple (160x35) /Light Green (120x35) /Red (80x35) /White (40x35)
7	Print	<ul style="list-style-type: none"> ● Black print for each measure of one for all EVA foam ● While print for each measure in Black EVA foam
8	Finish	Smooth and durable printing
9	Quantity	10 sets (10 numbers of 10 sets)
10	Package	Packed in Ziploc Cover

4. ROUND COUNTERS



1	Serial No.	Item - 4
2	Title of the Item	Round Counters
3	Description of the Item	Blue and Yellow round counters OR White and Blue round counters
4	Size	30mm Diameter
5	Material	<ul style="list-style-type: none">● 6 mm EVA Foam● 4 mm Yellow and 2 mm blue
6	Colour	<ul style="list-style-type: none">● Colours: Yellow and Blue● Yellow – EVA and Blue EVA glued/Stuck together
7	Print	Not applicable
8	Finish	Smooth and durable with neat cut at the edges
9	Quantity	100 numbers
10	Package	Packed in Ziploc Cover

5. NUMBER LINE



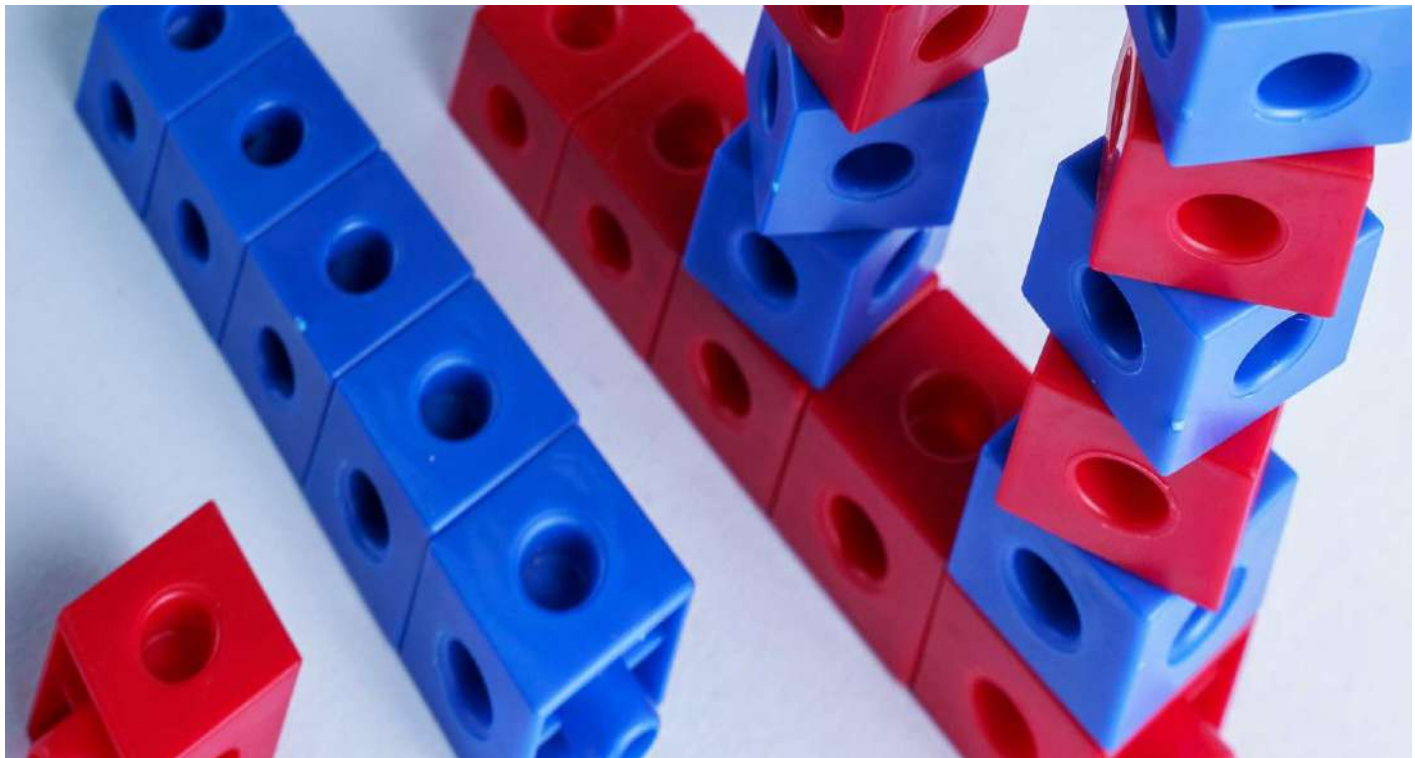
1	Serial No.	Item - 5
2	Title of the Item	Number Line
3	Description of the Item	Multipurpose number line which is divided into 2 parts – a chalkboard below the white line and a metal board where the magnetic pointer (yellow) and compass(blue) can move along the number line. Two Perpendicular arrows (yellow and Blue) with the top one(blue) rotatable The number line has 24 graded white marking equidistant from each other. The green surface is 'board/chalk' where numbers can be written using a chalk piece
4	Size	<ul style="list-style-type: none"> • 24 x 6 inch baseboard • Blue – EVA piece – Pointer of 2 Inch • Yellow EVA piece - Pointer of 2 Inch
5	Material	<ul style="list-style-type: none"> • Baseboard 6mm MDF • 0.25 mm metal sheet • Blue and yellow EVA pieces stuck with 10 mm dia / 2 mm thickness magnet at the back
6	Colour	<ul style="list-style-type: none"> • Colors: Need Black/Green chalk board painted surface to write with chalk below the white line • Yellow and white lines printed horizontally
7	Print	White marking 2 inch apart 24 such markings along the number line
8	Finish	Smooth and durable with neat cut at the edges, hinges not sharp, Two perpendicular arrows smoothly moveable along the number line
9	Quantity	1 number
10	Package	Packed in 26 x 8 sq inch size cloth cover

6. SQUARE COUNTERS



1	Serial No.	Item - 6
2	Title of the Item	Round Counters
3	Description of the Item	Square Counters
4	Size	1 inch square
5	Material	4mm EVA Foam
6	Colour	1 set consists of 100 Nos. (20 Nos. each in Red, Green, Blue, Yellow, Orange)
7	Print	Not applicable
8	Finish	Smooth and durable with neat cut at the edges
9	Quantity	1 set consists of 100 Nos
10	Package	Packed in Ziploc Cover

7. UNIFIX CUBE



1	Serial No.	Item - 7
2	Title of the Item	Unifix/snap-in cubes
3	Description of the Item	50 Interlocking Counting Cubes in 5 standard colors: red, dark blue, light blue, yellow, green.
4	Size	2cm x 2cm x 2cm, in each cubes. 22.68 Grams of 10 cubes
5	Material	Plastic
6	Colour	Multicolor - 1 set consists of 50 Nos. (10 Nos. Red, dark blue, light blue, yellow, green)
7	Print	Not applicable
8	Finish	Smooth and durable with proper cut . Pieces easily snap together on all sides, allowing users to create a variety of shapes and patterns.
9	Quantity	1 set consists of 50 Nos
10	Package	Packed in Ziploc Cover

8. PLACE VALUE DECIMAL MAT

ದಶಮಾಂಶ ಸ್ಥಾನ ಬೆಲೆ ಸೂಚಕ							
ಸಾವಿರ 1,000	ನೂರು 100	ಹತ್ತು 10	ಬಿಡಿ 1	•	ದಶಾಂಶ <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; vertical-align: middle;"></div> 1	ಶತಾಂಶ <div style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; vertical-align: middle;"></div> $\frac{1}{100}$	ಸಹಸ್ರಾಂಶ <div style="display: inline-block; width: 5px; height: 5px; border: 1px solid black; vertical-align: middle;"></div> $\frac{1}{1000}$

1	Serial No.	Item - 8
2	Title of the Item	Decimal – Place Value Mat
3	Description of the Item	<p>Decimal Place Value Mat –</p> <p>One thousand, one hundred, ten and one – The words to be printed in local language</p> <p>A dot has to be included as shown representing the Decimal Point (.). one-tenth, one-hundredth, one-thousandth The words- Tenth & Hundredth, thousandth have to be printed in local language. Picture with representation of 1- one square (dimension) 1/10 (dimension) and 1/100 as one small square</p>
4	Size	<p>a. Printable area - 36 inch x 17 inch with 2 inch border</p> <p>b. Rings – 30 mm outer dia X 10 mm hole dia X 5 mm thickness</p>
5	Material	Flex with rings at 6 points (red points)
6	Colour	<ul style="list-style-type: none"> Blue borders on White Background Font black
7	Print	<ul style="list-style-type: none"> Black - Picture with representation of 1- one square (dimension) 1/10 (dimension) and 1/100 as one small square
8	Finish	Smoot and no crease in the place value mat
9	Quantity	1 number
10	Package	Packed in Ziploc Cover

9. DECIMAL SET WITH TRAY



1	Serial No.	Item - 9
2	Title of the Item	Decimal Set with Tray
3	Description of the Item	The Orange big square represents a whole, the blue rectangle strips in one tenth of the big orange square and the smaller green squares are one tenth of the blue strips. Tray is provided for easy display & teaching.
4	Size	a) Whole square – 180 x 180 mm b) Rectangle Strips – 18 x 180 mm c) Small Square – 18 x 18 mm d) Tray – 185 x 185 mm
5	Material	EVA Foam – Ethylene Vinyl Acetate Tray - MDF
6	Colour	a) Whole square (Orange Color) b) Rectangle Strips (Blue Color) c) Small Square (Green Color) d) Tray with frame – Natural Color
7	Print	Not Applicable
8	Finish	Fine
9	Quantity	1 set consists of <ul style="list-style-type: none"> • Full Square – 1 No. • Rectangle Strips – 10 Nos. • Small Square – 100 Nos. • Tray – 1 no
10	Package	Packed in Ziploc Cover

10. ALGEBRAIC TILES



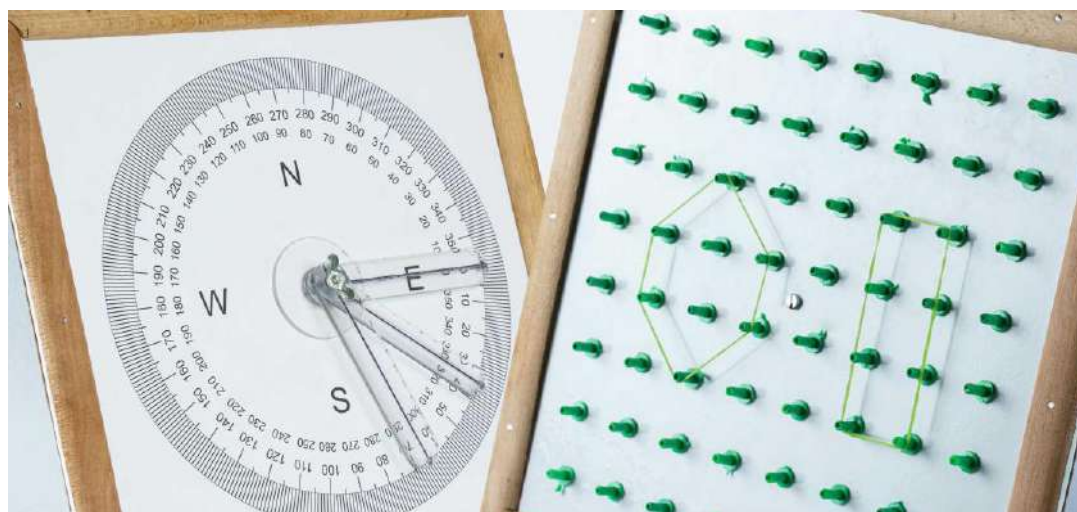
1	Serial No.	Item - 10
2	Title of the Item	Algebraic Tiles
3	Description of the Item	3-different size and colour of tiles. Red and Blue tiles represent positive & negative tiles
4	Size	8cm x 8 cm / 8cm x 2.5 cm / 2.5 cm x 2.5 cm – Red 8cm x 8 cm / 8cm x 2.5 cm / 2.5 cm x 2.5 cm – Blue 12 inch x 10 inch cloth bag – beige /black/jute color
5	Material	4mm EVA Foam
6	Colour	Red and Blue
7	Print	Not Applicable
8	Finish	Smooth with neatly cut edges
9	Quantity	1 set consists of - 2 Colours , 10 each piece (10*6=60)
10	Package	Packed in a zip lock

11. GEO SOLIDS



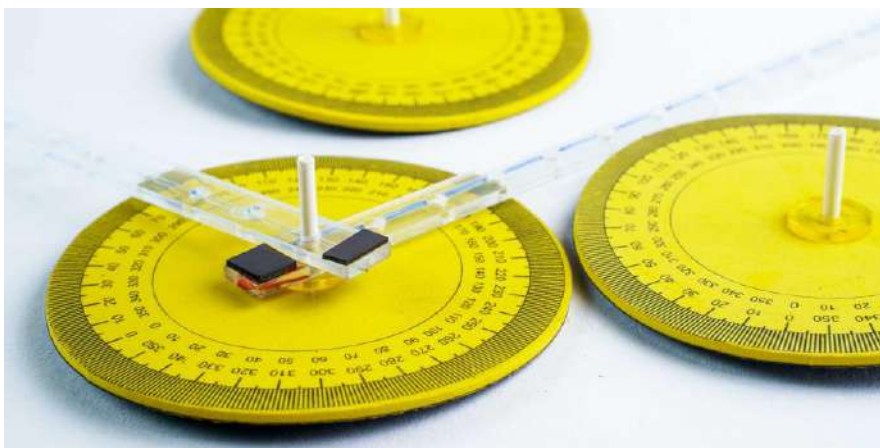
1	Serial No.	Item - 11
2	Title of the Item	Geo Solids with Net
3	Description of the Item	Geo solids, hollow geometric shapes made of transparent plastic. Fold out nets of paper also given.
4	Size	Geo solids – a. Cube 62 X 62 X 62 mm , b. Cuboid 82 X 52 X 64 mm c. Cylinder 64 mm Dia , 64 mm height , d. Cone 64 mm X 64 mm , e. Square Pyramid 64 X 64 X 64 mm f. Sphere with 60 mm radius (no net) - sphere should be halved so that we can show hemisphere g. Lids for above h. Nets for the above
5	Material	a. Geosolids – Thermo Plastic b. Cover - Thermo Plastic c. Nets - Paper (220 gsm)
6	Colour	a. Cube – Red, Cuboid – Blue, Cylinder – Red, Cone – Yellow, Square Pyramid – Yellow (all are transparent) , Sphere – Blue b. Lids - Colorless (Transparent) c. Nets – White
7	Print	Not Applicable
8	Finish	Smooth
9	Quantity	1 set consists of • 6 Nos. Geo solids • 10 Nos. of Paper Nets
10	Package	Packed in Ziploc covers

12. GEO BOARD WITH PROTRACTOR



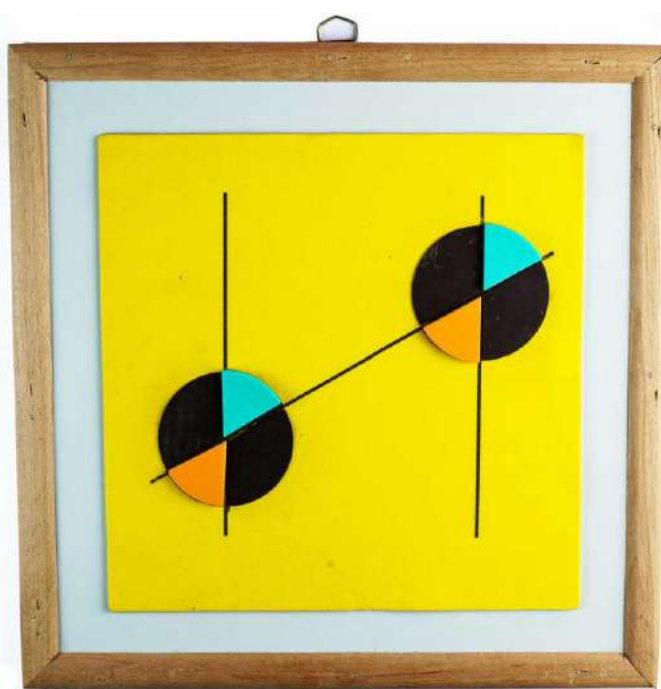
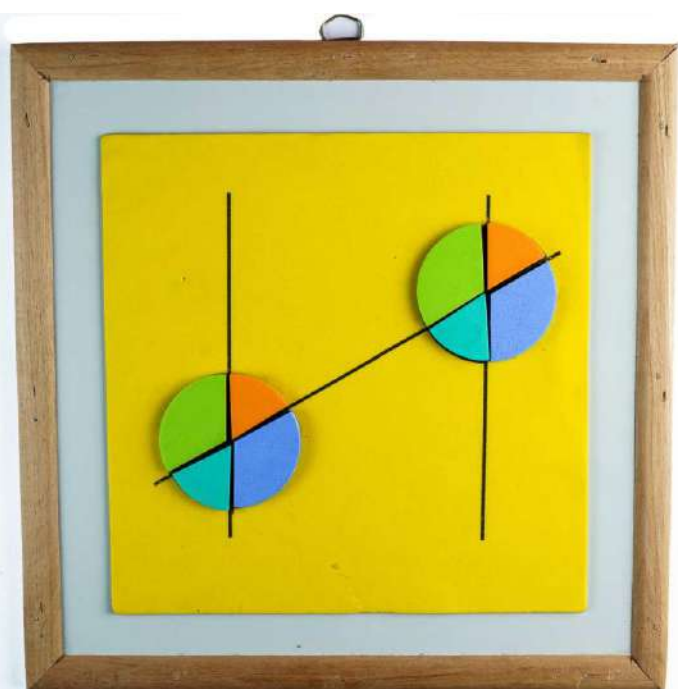
1	Serial No.	Item - 12
2	Title of the Item	Geo board with Protractor
3	Description of the Item	Double sided Wooden Geo board 15×15 inch square. One side of it will have the 100 Nos placed at a distance of 30 mm. Another side will have protractor with 3 arms
4	Size	1. Board Size: 12-inch x 12-inch (Round edges at corners) 2. Peg Size: 10 mm tail + 2mm Head (Head of the pins should be 1 mm larger than base) 3. Pegs: 81 Nos placed at distance of 25 mm 4. Protractor Arms: 3mm Clear Acrylic, 2 Arms - 15 mm width, 1 Arm - 10 mm width with arrows marked at the centre. 5. Wing nut should be included to hold the 3 arms of the protractor – arms should be easily rotatable 6. Multi Colored Rubber Bands - 4 inch - 10 Nos
5	Material	<ul style="list-style-type: none"> Material: Board - 6 mm MDF / Pegs - wood or plastic Protractor Arms: 3mm Clear Acrylic, 2 Arms - 15 mm width, 1 Arm - 10 mm width with arrows marked at the centre. Multi Colored Rubber Bands - 4 inch - 10 Nos
6	Colour	<ul style="list-style-type: none"> Black print on White base for Protractor No prints or color for Geoboard
7	Print	1. Print: Color Print for Protractor – black marking for angles, Blue angle prints on outer circle and red angle prints on inner circle 2. The needle groove marking should be bold – can be blue /red or black in the middle 3. NEWS - light blue
8	Finish	Smooth
9	Quantity	1 set consists of Geoboard – complete 1 no. , Backside – Protractor with 3 acrylic arms , Rubber bands – 10 nos
10	Package	Packed in plastic cover with Rubber bands.

13. GEOMETRY MULTI LEARNING AID



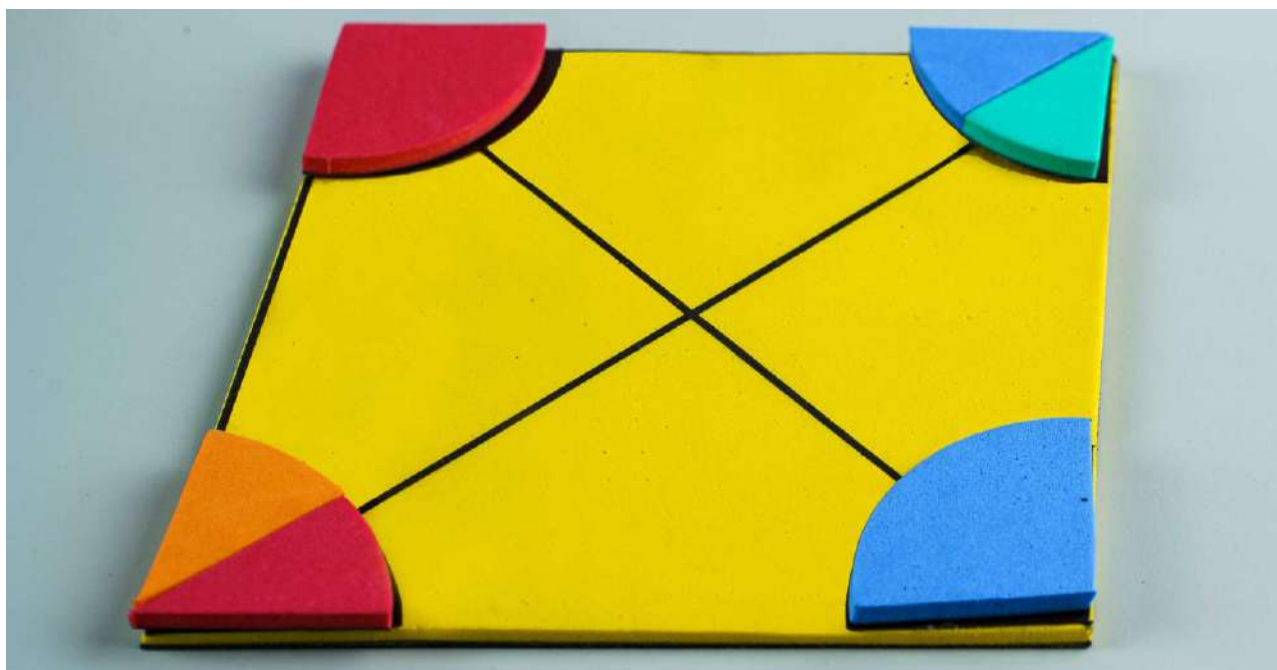
1	Serial No.	Item - 13
2	Title of the Item	Geometry multi Learning Aid
3	Description of the Item	Geometry multi-learning aid consists of a metal board with 6 protractors and 6 acrylic strips with magnets at the edges in the acrylic strips. This TLM is used to understand all geometric concepts. Students can change the parameters and understand the properties of lines, angles, triangles, quadrilaterals. The Metal board is a common TLM for all geometry
4	Size	<ol style="list-style-type: none"> 1. Protractor Material: 4mm Yellow foam with magnet Protractor : Protractor Engraved with angles marked both clockwise and anticlockwise, with Plastic peg (height=25 mm/diameter = 4 mm) at the center and magnetic sheet at the bottom - 125mm diameter. 2. Acrylic strips : 3mm thick clear Acrylic <ol style="list-style-type: none"> a. Acrylic strips - : 13 inch 15 mm wide with line engraved at the center with magnetic strips. (The magnet strips should have arrow marks on side) – 4 numbers b. Acrylic strips 15 inch and 15 mm wide with line engraved at the center with magnetic strips. (The magnet strips should have arrow marks on side) – 2 Numbers c. All the above acrylic strips have a hole/groove equidistant at 1 inch in the center. 3. Metal board for all Geometry concepts - 15 inch by 15 inch white metal board with a hook at top , neat round edges at the corner
5	Material	<ul style="list-style-type: none"> ● Protractor Material : 4mm Yellow foam with magnet, Strips Material : 3mm clear Acrylic, Metal Board for Geometry – 0.25mm white powder coated metal sheet stuck to 4mm MDF with 15 mm outer frame. ● Plastic pegs on protractor - 15mm height with 4mm dia meter
6	Colour	<ul style="list-style-type: none"> ● Protractor - Yellow with black readings , Metal board – White ● Strips – transparent , Plastic Pegs – White/Black
7	Print	Protractor black reading, Acrylic – blue line in the middle
8	Finish	Smooth finish
9	Quantity	1 set consists 6 protractors , 6 acrylic strips, 1 metal board
10	Package	Packed in a box (not ziplock as the protractor and pins can get damaged)

14. TRANSVERSAL LINE – TA



1	Serial No.	Item - 14
2	Title of the Item	Transversal Line – TA (Teaching Aid)
3	Description of the Item	TLM used to understand the properties of parallel, transversal line , angles – corresponding angles, interior and exterior opposite angles
4	Size	<ul style="list-style-type: none"> • 8 inch x 8 inch base • Angle sizes and numbers - 4 pieces of pie with 38mm radius 120 deg angle and another 4 pieces of pie with 38mm radius and 60 deg angle
5	Material	4mm Yellow colour EVA foam with magnet
6	Colour	Yellow with angles different contrasting colours (except yellow angles)
7	Print	Lines engraved
8	Finish	Smooth finish, angles neatly cut on the edges
9	Quantity	1 set consists of <ul style="list-style-type: none"> • Transversal line base • 8 angle pieces
10	Package	Packed in Ziploc Cover

15. QUADRILATERAL – TA



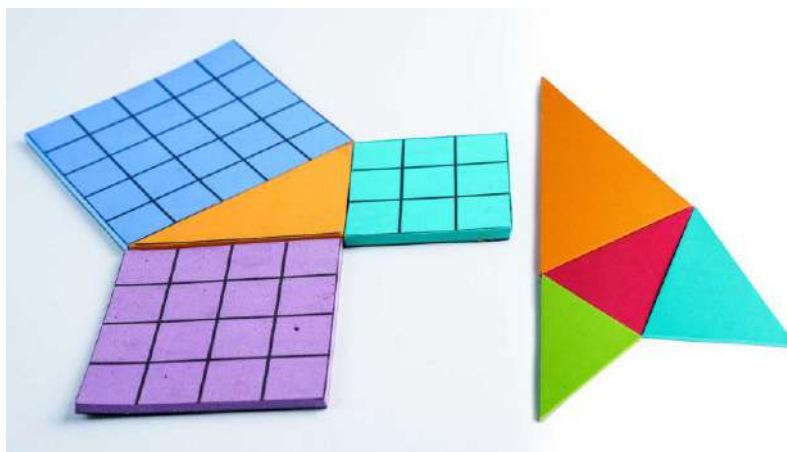
1	Serial No.	Item - 15
2	Title of the Item	Quadrilateral – TA (Teaching Aid)
3	Description of the Item	TLM used to understand the properties of quadrilateral.
4	Size	a) Rhombus - 8 inch x 8 inch, with EVA foam made pies representing angles. 2 pies of 38 mm radius and 100 deg angle/ 4 Nos of pie of 38mm radius and 40 deg angle
5	Material	4mm Yellow colour EVA foam with magnet
6	Colour	Yellow/Blue with 6 angles different contrasting colours (except yellow angles)
7	Print	Diagonal lines engraved should be add on both sides
8	Finish	Smooth finish, angles neatly cut on the edges
9	Quantity	1 set consists of <ul style="list-style-type: none"> ● Rhombus ● 6 angle pieces
10	Package	Packed in Ziploc Cover

16. TRIANGLE



1	Serial No.	Item - 16
2	Title of the Item	Triangle
3	Description of the Item	This TLM is used to study properties of triangle
4	Size	height = 8 inch base = 8 inch
5	Material	4mm Yellow colour EVA foam with magnet
6	Colour	Triangle – Any Color 3 angles represented with different colours of EVA foam
7	Print	Not applicable
8	Finish	Smooth and durable
9	Quantity	1 set consists of <ul style="list-style-type: none"> • 1 triangle • 3 angle pieces
10	Package	Packed in Ziploc Cover

17. PYTHAGORAS THEOREM



1	Serial No.	Item - 17	
2	Title of the Item	Pythagoras Theorem	
3	Description of the Item	TLM used to understand the Pythagoras theorem.	
4	Size	a) TLM 1 for right angled triangle and squares <ul style="list-style-type: none"> Central triangle: 3 inch x 4inch x 5 inch Square 1 - square of 3 inches Square 2 – square of 4 inches Square 3 – square of 5 inches 	b) TLM 2 for right angle triangle and triangles <ul style="list-style-type: none"> Triangle 1 - base 5 inch and height 5 inch Triangle 2 – base 4 inch and height 4 inch Triangle 3 – base 3 inch and height 3 inch
5	Material	4mm Yellow colour EVA foam with magnet	
6	Colour	a) TLM 1 for right angled triangle and squares <ul style="list-style-type: none"> Triangle – Blue Square 1 - 3 inch square - Red Square 2 - 4 inch Square – Orange Square 3 - 5 inch Square - Yellow 	b) TLM 2 for right angle triangle and triangles <ul style="list-style-type: none"> Triangle 1 - base 5 inch and height 5 inch – Red Triangle 2 – base 4 inch and height 4 inch – Orange Triangle 3 – base 3 inch and height 3 inch - Yellow
7	Print	Gradients printed <ul style="list-style-type: none"> 5inch x 5 inch square = 25 4 inch x 4 inch square = 16 3 inch x 3 inch square = 9 	
8	Finish	Smooth finish, angles neatly cut on the edges	
9	Quantity	a) TLM 1 for right angled triangle and squares <ul style="list-style-type: none"> 1 right angle Triangle Square 1 Square 2 Square 3 	b) TLM 2 for right angle triangle and triangles <ul style="list-style-type: none"> Triangle 1 Triangle 2 Triangle 3
10	Package	Packed in Ziploc Cover	

18. CIRCLE



1	Serial No.	Item - 18
2	Title of the Item	Circle
3	Description of the Item	This TLM is for understanding the properties of the circle. It has various parts in different colors – chord, segment, sector , circumference, diameter, radius
4	Size	10 inch diameter
5	Material	4mm EVA foam with magnet
6	Colour	4 colors for each component All components having Magnetic Sheet at the bottom
7	Print	Not applicable
8	Finish	Smooth and durable
9	Quantity	1 set consists of 4 pieces in different colors
10	Package	Packed in Ziploc Cover

19. CONGRUENCY (Pom Sheets and frame)



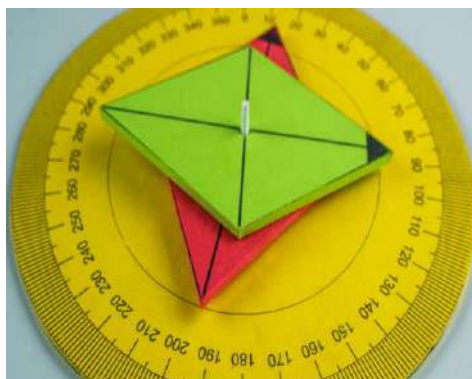
1	Serial No.	Item - 19
2	Title of the Item	Congruency
3	Description of the Item	This TLM is used to study the properties of congruency and similarity for Line, Angles, Triangles. It consists of a magnetic 'holder' where 3 transparency sheets can be easily slide in and out.
4	Size	<p>a) Each Transparency- OHP –</p> <ul style="list-style-type: none"> ● thickness 200 GSM ● length * Breadth = 19 cm x 14 cm <p>b) 10 inch x 10 inch Frame made of MDF</p>
5	Material	Transparency Holder – length * Breadth = 23 cm x 17 cm Transparency plastic – 200 GSM
6	Colour	Transparent Holder is plain white
7	Print	<p>There are a set of</p> <ul style="list-style-type: none"> ● 3 straight lines of length 15 cm (1 number) , 10 cm (2 Numbers) ● 3 squares of dimensions - 8cm x 8cm for 2 squares, 10cm x 10cm for 1 square ● 3 rectangles of dimensions - 8cm x 4cm for 2 rectangles, 10cm x 6cm for 1 rectangle. ● 10 Triangles of dimensions - SSS- all 3 sides are 12cm AAA- all 3 sides are 11cm SAS- all 3 sides are 11cm ASA- all 3 sides are 14cm RHS- 2 right angled triangle ● 5 angles
8	Finish	Smooth and durable, neat prints
9	Quantity	1 set consists of <ul style="list-style-type: none"> ● 24 transparencies ● One holder
10	Package	Packed in Ziploc Cover

20. POLYGONS



1	Serial No.	Item - 20
2	Title of the Item	Polygon
3	Description of the Item	This TLM is used to study the properties of polygon (hexagon)– sides, interior angles, exterior angles, diagonals etc
4	Size	Hexagon - axis line is 18 cm and all 6 side is 9 cm
5	Material	4mm EVA foam with magnet
6	Colour	Hexagon of Yellow Angles to be of Dark Blue, Green, Orange, Red, light Blue, Pink
7	Print	The lines should be visible – black in print
8	Finish	Smooth and durable, angles cut neatly
9	Quantity	1 set consists of <ul style="list-style-type: none"> • Hexagon polygon • 6 angle pieces
10	Package	Packed in Ziploc Cover

21. ROTATIONAL SYMMETRY



1	Serial No.	Item - 21
2	Title of the Item	Rotational Symmetry
3	Description of the Item	<p>a) Rotational symmetry, also known as radial symmetry in geometry, is the property a shape has when it looks the same after some rotation by a partial turn. In this TLM we are observing this by using 7 different polygons. There are 7 shapes and 2 of each shape placed one below another with different colors. There is a protractor below this which shows the angles when the two shapes match each other. The shape on the top is rotatable.</p> <p>b) The same TLM is also used to study the axis of symmetry for these shapes. Axis and angles to be shown for the shape which is at the back – orange colors – Square, Rhombus, Pentagon, Hexagon . No axis and angle for circle, triangle</p> <p>c) Shapes required - Rhombus, Pentagon, Hexagon, Rectangle, Square , Circle, Triangle</p>
4	Size	<ul style="list-style-type: none"> Protractor : 10 inch diameter with plastic peg at the center and magnetic sheet stuck at the bottom and top. 7 different shapes with 6 inch size with a central hole and magnetic sheet stuck at the bottom. Orange color EVA foam. This is fixed 7 different shapes with 6 inch size with a central hole and a pointer marked. Blue color EVA. Red with a marker and Yellow with magnet Use same dimension for both shapes - Orange and Blue Thickness of shapes should be 5mm for both
5	Material	<ul style="list-style-type: none"> 4mm EVA foam with magnet Should have a center and point and axis. Axis to be printed on the back side of shape - to show the symmetry (Refer pic) – for Orange color shapes only use wing nut
6	Colour	<ul style="list-style-type: none"> Protractor – Yellow base with black print Orange – 7 shapes with axis printed in black (4 mm thickness) Blue -7 shapes
7	Print	Should have a center and point and axis. Axis to be printed on the back side of shape - to show the symmetry (Refer pic) – for Orange color shapes only
8	Finish	Smooth and durable
9	Quantity	Set of TLM consists of Protractor, 7 Orange color shapes, 7 Blue color shapes

22. DICE



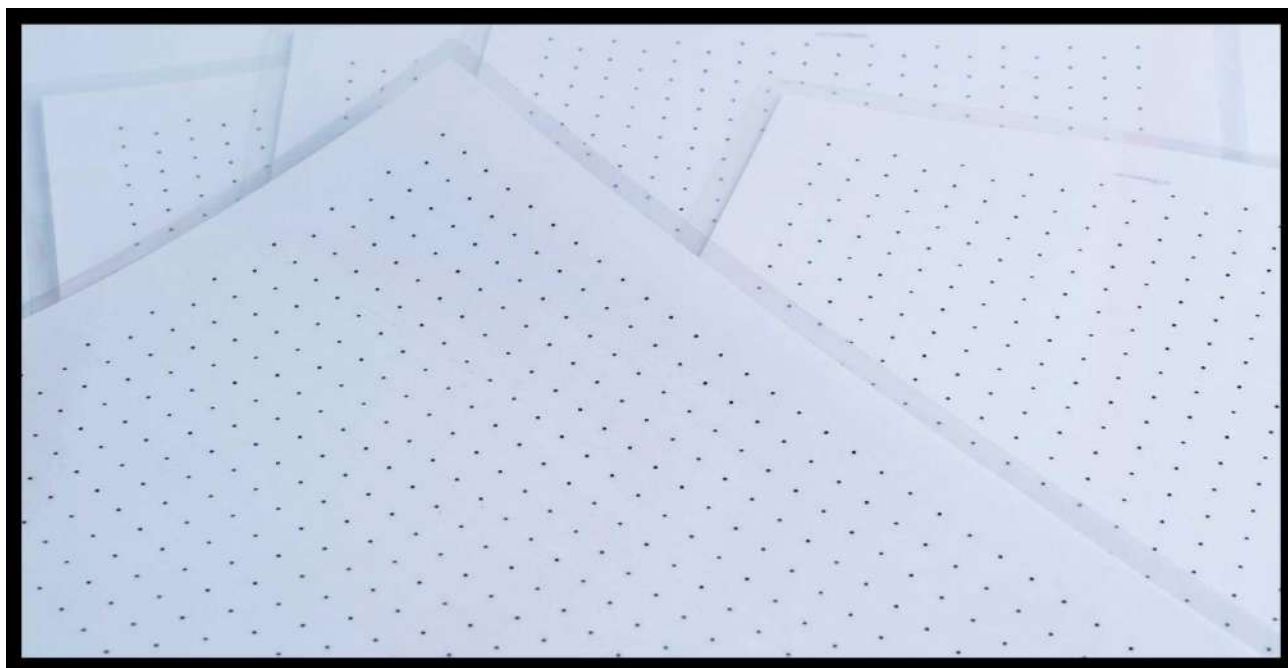
1	Serial No.	Item - 22
2	Title of the Item	Dice
3	Description of the Item	This TLM is used to study probability
4	Size	15 x 15 X 15 mm
5	Material	Thermoplastic
6	Colour	Multi color
7	Finish	Smooth and durable
8	Quantity	1 set consists of 3 Dice
9	Package	Packed in Ziploc Cover
10	Package	Packed in Ziploc Cover

23. AXIS SYMMETRY



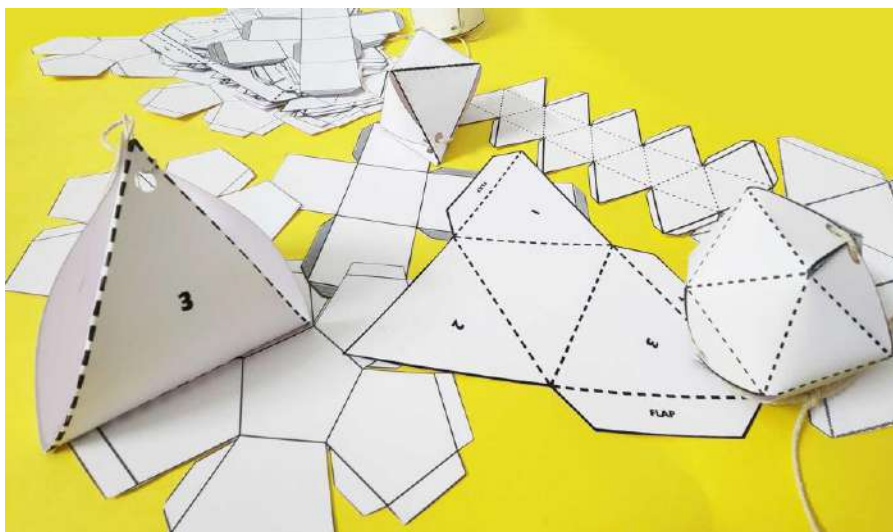
1	Serial No.	Item – 23
2	Title of the Item	Axis symmetry
3	Description of the Item	This TLM is used to understand the lines of symmetry for various shapes –Square, Rectangle, Triangle, Rhombus, Parallelogram, Pentagon
4	Size	Size of each shape <ul style="list-style-type: none"> ● Square - 5 inch x 5 inch ● Rectangle - 5 inch x 3 inch ● Triangle - base 6 inch x height 5 inch ● Rhombus - 6.5 inch x 4.5 inch ● Parallelogram - 7 inch x 3.5 inch ● Pentagon - Sides of 4 Inch
5	Material	220 GSM non tearing paper
6	Colour	White
7	Print	Not applicable
8	Finish	Smooth and durable
9	Quantity	1 set consists of <ul style="list-style-type: none"> ● 6 shapes - Square, Rectangle, Triangle, Rhombus, Parallelogram, Pentagon
10	Package	Packed in Ziploc Cover

24. ISO MATRIC



1	Serial No.	Item - 24
2	Title of the Item	Laminated Isometric Sheet
3	Description of the Item	This TLM is used to construct geometry problems . The sheets are laminated so that the sheets can be reused again.
4	Size	A4 size
5	Material	A4 isometric sheet laminated
6	Colour	Transparent
7	Print	Not applicable
8	Finish	Smooth and durable
9	Quantity	1 laminated A4 isometric sheet
10	Package	Packed in Ziploc Cover

25. PLATONIC SOLIDS



1	Serial No.	Item – 25
2	Title of the Item	Platonic Solids
3	Description of the Item	This TLM is used to understand the properties of tetrahedron, octahedron, cube, icosahedron, and dodecahedron . This TLM helps students understand thee symmetry & structural integrity of platonic solids and arrive at Euler’s formula
4	Size	Refer design files /Samples
5	Material	220 GSM non tearing paper
6	Colour	White
7	Print	Not applicable
8	Finish	Smooth and durable
9	Quantity	1 set consists of <ul style="list-style-type: none"> • 5 platonic solids
10	Package	Packed in Ziploc Cover

26. KIT TRACKING STICKER



1	Serial No.	Item – 26
2	Title of the Item	KIT TRACKING STICKER
3	Description of the Item	Will list all contents of the kit, including names of items, quantity of each type and sample picture of each. All text in this sticker have to be in local language. Header and Footer will contain logos as required
4	Size	7.5 inches x 10 inches
5	Material	Sticker Paper
6	Colour	White background with colour printing.
7	Print	Color Printing
8	Finish	Matte finish
9	Quantity	1 sticker
10	Package	Will be put at the centre, on the outer side of the Carry Box cover.

27. TEACHER'S TLM HANDBOOK



1	Serial No.	Item – 27
2	Title of the Item	Teacher's TLM Handbook
3	Description of the Item	A guideline book on usage of the TLMs in the kit. All text in this book has to be in local language. Print ready material in local language will be made available
4	Size	Book size is W-215mm H 280mm. 146 pages perfect bound book
5	Material	<ul style="list-style-type: none"> Cover page- 210 GSM art board with UV coating. Inside Paper – 80 GSM Maplitho Paper
6	Colour	Multi-color
7	Print	Color Printing
8	Finish	Gloss Lamination of Cover page with perfect binding
9	Quantity	1 with every kit – Kannada version
10	Package	Packed in Ziploc Cover

28. CARRY BOX WITH GKA STICKER ON COVER



1	Serial No.	Item 26
2	Title of the Item	Carry Box for TLMs
3	Description	Carry Box made of extruded high strength polypropylene material strong enough to carry the Math Kit items. Two handles given on the sides for ease
4	Size	height - 14 inch - Base - 16 inch with provision for locking and Velcro Sticker- 1 inch wide.
5	Material	Extruded sheet of Polypropylene
6	Colour	Blue
7	Finish	Rigid, smooth and durable
8	Quantity	1 box packed with all TLMs

Part-4

I. Terms and Conditions related to selection of eligible bidder for entrustment of work, procurement of materials and execution of work.

1. A Committee constituted by SSK would look into the documents submitted through the e-proc and the quality of sample Math TLM submitted to the office of State Project Director for deciding the eligible bidder. The bidder who has qualified in the technical bid and who has quoted the least rate for executing the work in the financial bid is entitled to be assigned with the work of manufacturing and supply of Math TLM as specified in this document and subject to the conditions in clauses 2 to 7 below.
2. The Purchaser reserves the rights to either increase or decrease the no of kits have to be supplied by up to 25% without any change in unit price or other terms and conditions..
3. The details of each set of Math TLM is given in Annexure – A.
4. Adherence to quality of prototype according to specifications will be checked.
5. The proprietary rights of the TLM materials will be with the SSK. The SSK shall own the manufactured TLM materials.
6. The successful bidder shall be responsible for the manufacturing of TLMs and supplying them in good condition to 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK as specified in Annexure-B of this document.
7. The bidder shall be entirely responsible for manufacturing and delivering the TLMs safely to the concerned 4387 Government primary and high schools of 34 blocks of 06 districts of Kalyana Karnataka region of the State namely Ballari, Bidar, Kalburgi, Koppal, Raichur and yadgir. 8912 sets to 4387 Government primary and high schools through BRC, 02 sets each for training purpose to all 34 BRC centres, 2 sets to 06 DIETs of these districts, 2 sets to DSERT and 10 sets to SSK. The bidder shall use the quality materials as mentioned in technical specifications.
8. Each TLM to be supplied by the bidder should compulsorily meet all the technical specifications as mentioned in the tender document. In this context, the bidder should arrange for third party inspection entirely at his/her own cost.
9. The third party inspection should be conducted through a Government agency. Only, in case of non-availability of Government agencies, services of NABL certified recognized agency may be used.
10. The third party inspection should also include the confirmation about the absence of any kind of toxic or poisonous chemicals which is hazardous for the health of children in each of the TLM to be supplied by the bidder.

11. The bidder will be required to pack item wise TLM separately in the specified box for Consignee to prevent their damage or deterioration during transit to their final destination as indicated in the contract. Each box will be marked as mentioned below on three sides with proper paint / indelible ink.
 - a. Project
 - b. Contract No.
 - c. Bidder's Name and
 - d. Packing List and Reference number
12. The manufactured TLM materials shall be delivered to the concerned schools in good condition without any damage as per the delivery instructions in Annexure-B to this RFP, by actual count of the kits. The HM shall have the right to reject any kit or kits which are not in good condition or damaged or which do not confirm to any of the technical specifications. Partial items / material received in good condition are not acceptable.
13. The bids should be unconditional and conditional bids will be summarily rejected.

II. Inspections and Tests

- i. **Pre delivery Inspection:** Any one Sample would be drawn at the time of manufacturing and send it for testing to ensure the quality of raw material and finished product to know whether the materials are conforming to the specifications mentioned in the tender document.
- ii. **Post delivery Inspection:** One set would be drawn randomly from schools of 06 districts of Kalyana Karnataka region (total 06 sets) after the supply of the Math TLM by the successful bidder and send for testing to ensure that all the supplied Math TLM are as per the specifications fixed in the tender document
- iii. The third party inspection should be conducted through a Government agency. Only, in case of non-availability of Government agencies, services of NABL certified recognized agency may be used.
- iv. If the testing results indicate deviation, then all the manufactured materials would be rejected and the vendor would be penalized for the inconvenience caused to the SSK.
- v. The bidder need to use the non-toxic water based paint and the bidder needs to give an undertaking on the same.
- vi. The test may be conducted at the place of manufacturing or may be taken to lab or to expert in field. All these and above will be conducted at no extra cost to the SSK. All these expenses will be deducted from the payment of the bidder before the final payment is made.
- vii. Any inspected or tested goods fail to confirm to the specifications, SSK may reject the goods and the bidder shall either replace the rejected goods or make alterations necessary to meet specifications requirements free of cost to SSK within the stipulated days.
- viii. SSK's right to inspect, test and, where necessary, reject the Goods after the Goods arrival at Project Site shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by SSK or its representative prior to the goods shipment.

III. Submission of bids, evaluation, acceptance and related stipulations

1. Submission of Bids:

- i. Bidders satisfying the prequalification and financial conditions specified in this document and willing to execute the contract in conformity with the RFP may submit their technical and Financial bids in the specified formats through e-procurement process only along with requisite EMD amount. Bids sent by any other mode like in person, Post, Telex or Fax or e-mail will be rejected.
- ii. Proposals would need to be accompanied by EMD as mentioned in below clause no.3
- iii. EMD of Rs. 4.05 lakhs have to be remitted in the form of electronic cash as per the requirement of e-tendering before the last date and time for the submission.
- iv. Late bids: The website will not accept any bid after the deadline for submission of bids. SSK shall not accept any hardcopy of the bid by the bidder for the reason that the bidder was not able to apply the bid through website or due to delay in the submission through website.
- v. EMD will be refunded to all the unsuccessful bidders on finalization of the award of the contract and to the successful bidder after submitting performance security.

2. Bid Opening Process:

- i. SSK will open and evaluate the technical bid of the Bidder, through e-Procurement process. Firstly, technical bids would be opened and evaluated. The financial bids of only those bidders who qualify in the technical bid evaluation will be opened.
- ii. If there is any discrepancy in the unit rate quoted for each item and the total rates, the rates quoted viz, 'unit rate' will prevail. If there is difference in the total price computed in e –procurement portal as per the unit rates quoted for each item, those computed in words shall only be considered as the final rate of the bidder.
- iii. The evaluation of the financial bids will be made by SSK and the bid having lowest rate will be declared as successful bid.

3. Furnishing of information :

The bidder should examine all instructions, forms, terms and specifications contained in this tender document. Failure to furnish all information as required in this tender document to submit a bid not substantially responsive in any respect will be at the bidder's risk and may result in rejection of its bid.

4. Pre Bid Meeting (Clarification of Tender Document)

- i. The Bidder or his official representative is invited to attend a pre Bid meeting which will take place at Conference Hall, Office of the State Project Director, Samagra Shikshana-Karnataka (SSK), New Public Offices Annex Building, N.T. Road, Bangalore-560001 as indicated in the calendar of events.

- ii. The purpose of the meeting will be to clarify issues and to answer questions on matters related to the tender may be raised at this stage by the Bidder or his representative.
- iii. Minutes of the meeting including the text of the questions raised and the responses given will be transmitted without delay to all prospective bidders as an addendum through e-procurement website.
- iv. Non-attendance at the pre bid meeting will not be a cause for disqualification of a bidder.

5. Amendments to RFP terms and conditions:

- i. 2 days prior to the deadline for submission of Bids, SSK may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by amendment.
- ii. The amendment will be notified on the website <http://www.eproc.karnataka.gov.in>. The prospective bidders are requested to take cognizance of such notification/s while submitting their tender proposal.
- iii. In order to allow prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, SSK may, at its discretion, extend the deadline for the submission of bids.

6. Prices and Taxes:

- i. The bidder shall quote the price, per item. The bidder should quote for all items mentioned in the price bid. If the bidder does not quote for all the items, then that price bid will summarily be rejected.
- ii. The quoted prices should be inclusive of manufacturing of prototype, packaging cost, transportation cost, sample testing, all taxes like GST, custom duty, excise duty, any other applicable duties and taxes.
- iii. Prices quoted by the bidder should remain fixed during the bidder's performance of the contract and will not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected. Price should not be indicated at any place in the pre- qualification bid document. If it is found that the price is indicated in the technical bid, the entire bid will be summarily rejected. The prices should be quoted in Indian Rupees. Any reference made to variation in pricing due to appreciation / depreciation of Indian rupee against any other currency is not acceptable.

7. Bid validity period:

Bids (both technical as well as financial bid) should be valid for a period of 6 months from the last date fixed for submission of bids. Bids submitted with validity period less than 6 months will be treated as non-responsive and will be rejected.

8. Evaluation of bids and awarding the contract:

i. Evaluation of technical Bids:

For evaluation of the technical bids, SSK will take into account the following factors and

based on such evaluation the technically qualified bidders will be short-listed:

- a) Compliance to terms and conditions stipulated in this tender document duly supported by certified documentary evidences called for therein.
- b) Uploading of duly signed compliance statement.
- c) Review of written reply, if any, submitted by the bidder in response to any Clarification sought by SSK.

ii. Evaluation of financial Bids:

Financial bids of only those bidders whose bids have been qualified in the evaluation of the technical bids will be considered for evaluation.

For the evaluation of the financial bids, SSK will take into account the following factors:

- a) Status of compliance of terms and conditions mentioned in this tender document.
- b) The Tender Form and the Price Schedule which form the Financial Bid shall be submitted online in the provided manner. **The bidders should quote their total cost of the bid online in the bid amount format which will be the only consideration for qualifying bidder as per GO.**

9. Determination of L1 Bidder and Awarding of Contract :

- i. On completion of evaluation process of technical and financial bids and based on any other clarification submitted by the bidder in response to SSK query, if any, the contract will be awarded to the bidder, who has quoted the lowest price, namely L1 bidder. The amount quoted by uploading in the e-proc portal will be considered.
- ii. The bidders in their own interest should quote the most competitive prices. SSK reserves the right to reject L1 bid if the same is found unreasonable or is not as per the technical requirement mentioned in this document and in such a case the next lowest bidder namely L2 will be considered. If for any reason, the work order issued to the L1 bidder does not get executed or the L1 bidder backs out, SSK is at liberty to consider the next lowest bidder namely L2. Consequently, the defaulting L1 bidder will be blacklisted and debarred from participating in any of the future tender processes of SSK for a period of 2 years from the date of work order, in addition to forfeiture of performance security deposit.

10. Clarifications:

During evaluation of the bids (both technical and financial), SSK may, at its discretion, seek clarification from the bidders on the bids or the bidders themselves may seek clarifications from SSK on certain issues contained in the tender document during pre-bid meeting but not later than 7 days prior to the last date of submission of bids.

11. Errors and their rectification:

Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, if and where required, the unit price shall prevail, and the total price shall be corrected accordingly. If the bidder does not accept correction of the errors, its bid will be rejected. If there is a discrepancy between figures mentioned in words and figures, the amount mentioned in words shall prevail.

12. Contacting SSK :

Any effort by a bidder to influence SSK in its decisions on bid evaluation, bid comparison or contract award will result in the rejection of bid of such bidder.

13. SSK's Right to accept or reject any or all bids:

Notwithstanding anything contained in any of the clauses contained in this tender document, SSK reserves its right to accept or reject any or all the bids and to annul the whole bidding process at any time prior to awarding of contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the reasons for the action by SSK.

14. Signing of contract agreement :

The successful bidder should enter into an agreement with SSK within seven (7) days from the date of receiving of award of contract from SSK, incorporating all the terms and conditions contained in this tender document including the amendments and alterations as provide for clause (6) above. The bidder shall be responsible for and obligated to conduct all contracted activities with due care and diligence, in accordance with the Contract and using best practices and economic principles and exercising all reasonable means to achieve the performance levels specified in the Contract. The bidder should abide by the job safety, insurance, customs prevalent and the laws in force in India and should indemnify the SSK against all demands or responsibilities arising from accidents or loss of life, the cause of which is the successful bidder's negligence. The bidder should agree to pay all indemnities arising from such incidents and should not hold SSK responsible or obligated.

15. Assignment:

The bidder shall not assign, in whole or in part, its obligations to perform under this Contract to any other subcontractor or vendor, except with the prior written consent of SSK.

16. Termination for default :

SSK, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the bidder, may terminate this Contract in whole or in part if the bidder fails to perform any of the obligations(s) under the Contract. In the event of SSK terminating the Contract in whole or in part, it may get the work done, upon such terms and in such manner, as it deems appropriate through some other person and the bidder shall be liable to SSK for any excess costs or additional costs incurred. However, the bidder shall continue performance of the Contract to the extent not terminated.

17. Termination for insolvency :

SSK may at any time terminate the Contract by giving written notice to the bidder, if the bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the bidder, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to SSK.

18. Force majeure :

The bidder shall not be liable for penalty or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this clause, "Force Majeure" means an event beyond the control of the bidder and not involving the bidder's fault or negligence and not foreseeable. Such events may include, but are not restricted to, wars or revolutions and epidemics. If a Force Majeure situation arises, the bidder shall promptly notify SSK in writing of such condition and the cause thereof. The reason for any delay should be accepted by the SSK. Unless otherwise directed by SSK in writing, the bidder shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means of performance not prevented by the Force Majeure.

19. Insurance

The bidder shall fully insure the manufactured TLMs against loss or damage. This insurance shall cover production, printing, storage, transportation distribution and delivery activities.

20. Payment terms :

Payment will be made

- i) 80% of the contract price shall be paid after deduction of applicable taxes for supplying of 100% GKA 2.0 kits upon submission of the following documents.

Two self-inking carbon copies of the supplier invoice along with Acknowledgement receipt copy showing contract number, goods description, quantity, unit price, total amount; One copy should be given to the BRC / DIET/ DSERT/ SSK(receiver), One copy shall be submitted to the State Office along with the Invoice. All the copies shall be signed and stamped by the receiver.

- ii) The remaining 20% of the contract price shall be paid to the bidder after acceptance certificate with date, signature and seal issued by SSK's representative for the respective delivery and the receipt of quality certificate report from Government agency/ services of NABL certified recognized agency. The payment will be made after the deduction of applicable taxes and the cost of quality check to the bidder.

21. Liquidity damages for Delay in Supplies :

- a. If Bidder does not execute the work as per the implementation schedule, liquidity damages will be imposed as denoted below

No. of delayed days (working days only will be calculated for the purpose of penalty)	Liquidity damages for delay in Supplied
1 to 3 Working Days	Nil
4 to 10 Working days	2 % of the total contract value
11 to 20 working Days	5 % of the total contract value
21 days and above	10% of the total contract value

- b. In any event the liquidity damage will be limited to the 10% of the total Contract Value.
- c. If the delay is more than 30 working days, the SSK may consider for termination of the Contract.
- d. If at any time during the performance of the Contract, the supplier encounter conditions impeding timely delivery of the goods and performance of the services, the supplier

shall promptly notify the purchaser, in writing the of the fact of the delay, it's likely duration and its causes. As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may, as its discretion, extend the supplier's time for performance with or without LD.

22. Performance Security :

- i. The bidder should, at its own expense deposit with the SSK, within 7 working days from the date of award of the contract or prior to signing of the contract whichever is earlier, an unconditional and irrevocable Performance Bank Guarantee (PBG) of 5% of the contract amount from a nationalized bank payable on demand, for the due performance and fulfillment of the contract by the bidder. All charges whatsoever such as premium; commission etc. with respect to obtaining the Performance Bank Guarantee shall be borne by the bidder.
 - ii. The performance guarantee shall be denominated in the currency of the Contract and shall be by bank guarantee.
 - iii. The performance bank guarantee shall be valid for a period of 10 months from the day of contract. Subject to the terms and conditions in the Performance Bank Guarantee after the delivery of all the Math TLM and all payments made, the PBG will be returned to the service provider.
 - iv. The Performance Bank Guarantee shall be discharged / returned by SSK upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the Performance Bank Guarantee.
 - v. In the event of the bidder being unable to service the contract for whatever reason, SSK shall revoke the PBG. SSK shall notify the bidder in writing of the exercise of its right to receive such compensation within 14 days, indicating the contractual obligation(s) for which the bidder is in default.
 - vi. SSK shall also be entitled to make recoveries from the bills of the bidder, PBG or any other payment due, in case of any error/ omission on bidder's part.
23. The bidder should not carry any supplies to outer organization using specification of SSK without the knowledge and consent of SSK.

24. Resolution of disputes :

1. In case of disputes or differences arising between SSK and the bidder related to this agreement, such disputes or differences shall be settled in accordance with the Arbitration and Conciliation Act, 1996, by a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; A certified copy of the work order shall be retained by each of the parties.
2. Arbitration proceedings shall be held at Bangalore Karnataka, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

The decision of the arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the 'preparation, presentation etc. of its proceedings shall be borne by each party itself.

FORMAT FOR TECHNICAL BID

Ref No:

Date:

TO,
The State Project Director,
Samagra Shikshana-Karnataka (SSK),
New Public Offices Annex Building,
Nrupatunga Road,
Bangalore-560001

Sir/Madam,

Sub: Submission of technical bid for manufacture and supply of Math teaching learning materials to the Tender Notification.

Ref: Tender notification No: _____ dated:

In response to the above tender notification, having studied and understood all the terms and conditions of the said tender notification and the RFP thereof, in regard to manufacturing and supply of Math TLM materials, I submit the technical bid as follows:

A) Machines and infrastructures:

Sl No	Particulars of machineries and infrastructure	Numbers/ Extent	Description & Specifications	Place of location
1	Cutting and printing owned by the bidder			
2	Color Printing machine owned by the bidder (Screen/Digital)			

B) Experience and past performance:

Sl No	Eligibility Criteria	Furnish particulars	Description of proof enclosed	Remarks if any,
1	Experience in manufacturing TLM Materials			
2	An average annual turnover during the last 3 financial years i.e 2019-20, 2020-21 and 2021-22			
3	Maintaining of labour laws.			

B) Documents produced - checklist

(Enclose the attested copies of the following documents in Appendix's)

Sl. No	File Name	Document description
1	Factory Registration Certificate	Registration certificate Under Factories Act which is Valid and Renewed up to date.
2	GST Registration	GST Registration Certificate.
3	Annual GST Returns	Annual GST returns filed for the preceding three years i.e. for the years 2019-20, 2020-21 and 2021-22
4	Latest GST Returns	Latest GST returns filed for the month of November 2022.
5	PAN	PAN Certificate.
6	IT Returns	Acknowledgement of IT returns filed for the preceding three Assessment years i.e. for 2019-20, 2020-21 and 2021-22
7	Tenancy agreement	Copy of the title deed or lease agreement in support of ownership / Tenancy of infrastructure facilities like building, Go-down etc., having details such as validity period of the agreement availability of space in sq feet should be mentioned.
8	Address and contact person.	The address and official e-mail ID, Contact persons names, their status in the organization and their phone numbers.
9	Proof of machinery Ownership	The list of machinery should be declared and attested by the CA
10	Minimum Billing	A certificate from the any purchaser to establish the Minimum billing amount from a single project of printing and supply of books/textbooks during any one year of these 3 years i.e., 2019-20, 2020-21 and 2021-22
11	Audited Financial Statements	Audited annual financial statements of the Bidder for the last 3 completed financial years i.e., 2019-20, 2020-21 and 2021-22
12	Appendix 1 to 15	Printed on the letter head of the bidder and to be attested
13	Sample Math TLM, testing report and paper used for printing manual	01 Sample Math TLM, testing report and paper used for printing manual as per Technical specification

we have understood all the terms and conditions of the tender notification and the RFP and have enclosed the documents in support of the bid accordingly.

Yours faithfully,
Signature of the Bidder (with seal)

APPENDIX - 1

Format for Letter of Proposal
(On the Letter head of the Bidder)

Date

To,

The State Project Director,
SamagraShikshana- Karnataka,
Nrupatunga Road,
K. R. Circle,
Bengaluru-01

Sir,

Ref: Implementation of manufacture and supply of Math teaching
learning materials 34 blocks of 06 districts of Kalyana Karnataka
region

Being duly authorized to represent and act on behalf of
..... (here in after referred to as “the Bidder”), and having
reviewed and fully understood all of the Proposal requirements and information
provided, the undersigned hereby submits the Proposal for the project referred
above.

We confirm that our Proposal is valid for a period of 90 days from
..... (Proposal Due Date)

Yours faithfully,

(Signature of the Authorized Signatory of Bidder)
(Name and designation of the Authorized
Signatory of Bidder.)

APPENDIX - 2

Format for Power of Attorney for Signing of Proposal (On stamp paper of appropriate value)

POWER OF ATTORNEY

Know all men by these presents, we (name and address of the registered office) do hereby constitute, appoint and authorize Mr. / Ms. (name and residential address) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the project envisaging Implementation of manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region under SSK including signing and submission of all documents and providing information / responses to SSK, representing us in all matters before SSK, and generally dealing with SSK in all matters in connection with our bid for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall be deemed to have been done by us.

For

.....

.....

(Signature)

.....

(Name, Title and Address)

Accepted

.....

(Signature)

.....

(Name, Title and Address of the Attorney)

Note:

1. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same be affixed under common seal in accordance with the required procedure. The Power of Attorney should be on a stamp paper of appropriate value.
2. Also, wherever required, the Bidder should submit for verification the extract of the charter documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.

APPENDIX -3

Details of Bidder

1. Name
2. Address of the office(s)
3. Printing press Address (Place of production):
4. Date of incorporation and/or commencement of business
5. GST Registration No
6. Brief description of the Legal Entity including details of its main lines of business.
7. Name, Designation, Address and Phone Numbers of Authorized Signatory of the Bidder:
 - a. Name :
 - b. Designation :
 - c. Legal Entity :
 - d. Address :
 - e. Telephone Number :
 - f. Fax Number :
 - g. Mobile Number :
 - h. E-Mail Address :
8. Details of individual (s) who will serve as the point of contact / communication with SSK :
 - a. Name :
 - b. Designation :
 - c. Legal Entity :
 - d. Address :
 - e. Telephone Number:
 - f. Fax Number :
 - g. Mobile Number :
 - h. E-Mail Address :

APPENDIX -4

Format for Anti-Collusion & Eligibility Certificate (On the Letterhead of the Bidder)

We hereby certify and confirm that in the preparation and submission of our Proposal for the Implementation of manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region in Karnataka, we have not acted in concert or in collusion with any other Bidder or other person(s) and also not done any act, deed or thing which is or could be regarded as anti-competitive.

We further confirm that we have not offered nor will offer any illegal gratification in cash or kind to any person or agency in connection with the instant Proposal.

We further confirm that we have not been barred by any Department, Government of Karnataka/any other State Governments in India/any agencies of GOK or any other state Government, and thereby have not been proven ineligible to bid.

Dated this Day of, 2023

.....

(Name of the Bidder)

(Signature of the Authorized Person)

(Name and designation of the Authorized Person)

Appendix - 5

(Format for undertaking of being a Printer)

Date:

To,
The State Project Director,
SamagraShikshana- Karnataka,
Nrupatunga Road,
K. R. Circle,
Bengaluru-01

Sir,

We confirm that we have been in the business of printing and supply of books or educational inputs since past _____years.

Yours faithfully,

(Authorized Signatory)

Appendix -6

FORMAT FOR STATEMENT OF EXPERIENCE

Name of the Firm.....

Financial Year from 2019-20, 2020-21 and 2021-22

Sl. No.	Year	Order placed by (Full address of Purchaser)	Order No & Date	Description & quantity of ordered books	Value of order	Date of Completion of delivery		Remarks Indicating reasons for late delivery if any	Has the supply been satisfactory? (Attach a certificate from the Purchaser/Consignee)
						As per Contract	Actual		

Signature & Seal of the bidder

The above statement shall be supported by

1. A certificate issued by the Client clearly stating the scope of the project, cost of the project and date of successful completion.

Signature & Seal of the bidder

Appendix -7

Format for Statutory Auditor's Certificate for Financial Capability of the bidder

Date:

We have verified the Annual Accounts and other relevant records of M/s (Name of the bidder) and certify the following

(Rs. In lakhs)

Sl No	Particulars	2019-20	2020-21	2021-22
1.	Annual Turnover			

Signature and seal of Statutory Auditor

Name

Membership No

Address

Instructions:

For the purpose of this Certification:

1. The financial year would be the same as one normally followed by the bidder for its Annual Report.
2. The bidder shall provide the audited annual financial statements as required for this Tender document. Failure to do so would result in the Proposal being considered as non responsive.
3. A certificate from the Statutory Auditor should be provided as supporting document certifying the Qualification Statement submitted by the bidder.
4. Experience (Financial Capability and Experience) of only the bidder shall be considered. Experience of associate company/parent company/subsidiary company shall not be considered for qualification purposes.
5. Turnover of the bidder shall be certified by his statutory auditor who should mention his name, address and membership number. Turnover certificate shall be based on the audited accounts of the bidders, or based on the returns filed with the tax authority.

APPENDIX -8

Format for Statutory Auditor Certificate for Project Experience of Printing and Supply of Books / Textbooks / educational inputs

Date

We have verified the annual accounts and other relevant records of M/s.....(Name of the Bidder) and certify that M/s.....(Name of the Bidder) had been appointed for the purpose of (Name of the project)

We have also scrutinized the documents made available to us for the said project and certify the following years(**2019-20, 2020-21 and 2021-22**)

Date of commencement of the project	Date of completion of the project	Billings for the bidder from the project (Rs. In lakhs)

Signature and seal of Statutory Auditor

Name

Membership No

Address

Appendix -9
Format for Infrastructural Capabilities

Sl no	Category and the Description of the machinery prescribed	Quantity
Pre-Printing machinery		
1	Computer to Plate making plant with processor capable of making plates Double Crown, A-1 and such similar sizes	one unit
Printing machinery		
1	Multi colour printing unit web offset or sheet fed machine with a minimum cut off 508 mm., reel width 860 mm or more, with one quarter folder. The rated speed of the machine with quarter folding shall not be less than 10,000 cycles per hour.	one unit
Binding and Finishing Machinery		
1	Wire stitching machine capable of pinning at least 12.5 mm at the speed of about 40 cycles per minute.	one unit
2	<ul style="list-style-type: none"> Fully automatic 3 side cutting machine capable trimming books of crown 1/4th size on 3 sides at a time. (Note: It is essential to trim the books in a three side trimmer to achieve the speed and correct right angles at the corners.) 	one unit
	<ul style="list-style-type: none"> Fully automatic programmatic cutting machine 92 cm (32 inches) size (min) (Note : Required to cut the Cover Boards etc.) 	one unit
	<ul style="list-style-type: none"> UV coating machine 	one unit
3	Fully automatic folding machine capable folding sheets in the size of Double Crown to crown 1/4 th size (Note : Required only for the sheet fed printers)	one units

Signature
(Name and designation of signatory)

Appendix -10
(Format for undertaking of work completion)

Date:

To,
The State Project Director,
SamagraShikshana - Karnataka,
Nrupatunga Road,
K. R. Circle,
Bengaluru-01

Sir,

We hereby confirm that the manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region will be completed within the scheduled time given in the tender document of SSK.

In case if I/We fail in execution of the contract, the purchaser can deduct the penalty/liquidated damages according to the terms and conditions of the tender and we are bound by the same in all respects.

Yours faithfully,

(Authorized Signatory)

Appendix -11

An oath for having read the document

Date

To,
The State Project Director,
SamagraShikshana - Karnataka,
Nrupatunga Road,
K. R. Circle,
Bengaluru-01

Sir,

I/We.....hereby declare that I/We have fully read the tender document dated.....and have understood the contents and the meaning of all the terms and conditions.

Accordingly I here by signing the above declaration and abide by the same.

Yours faithfully,

(Authorized Signatory)

BID FORM

To
The State Project Director,
Samagra Shikshana -Karnataka,
Nrupatunga Road,
K. R. Circle,
Bengaluru-01

Sir/Madam,

Having examined the Bidding Documents the receipt of which is hereby duly acknowledged, we, the undersigned, offer to manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region for which necessary Bid security (EMD) is remitted in Bid Declaration format.

Terms & conditions:-

1. We undertake, if our Bid is accepted, to supply of manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region accordance with the terms and Conditions in the Bidding document.
2. If our bid is accepted we will furnish the bank guarantee for the due performance of the Contract, in the form prescribed by the purchaser.
3. We agree to abide by this bid for a period of 90 days after the date fixed for bid opening of Second Envelope of the Instruction to Bidders and shall remain binding upon us and may be accepted at any time before the expiry of that period.
4. We understand that in competing for (and if the award is made to us, in executing the above contract) we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988"
5. We understand that you are not bound to accept the lowest or any bid you may receive.
6. We understand that contract conditions and the time stipulated for execution of tender is 90 days.

Dated this _____ day of _____ 2023

Signature: _____

(in the Capacity of): _____

Duly Authorized to sign bid for and on behalf of Place:

APPENDIX -13

Format for Performance Bank Guarantee (To be issued by a Nationalized / Scheduled Bank in India)

B.G. No. dated This Deed of Guarantee executed at by (Name of Bank) having its Head/Registered office at (herein after referred to as “the Guarantor”) which expression shall unless it be repugnant to the subject or context thereof include its, successors and assigns;

In favor of, The State project Director, Samagra Shikshana-Karnataka(hereinafter referred to as “SSK”) having its office at Nrupatunga road, K.R Circle Bengaluru - 560 001, Karnataka State, India, which expression shall unless it be repugnant to the subject or context thereof include its successors and assigns;

WHEREAS

- A. M/s. a Legal Entity having its registered office at (hereinafter called “the Bidder”) which expression shall unless it be repugnant to the subject or context thereof include its / their executors administrators, successors and assigns, intends to bid implementation of manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region in Karnataka.
- B. In terms of **Clause 2.28** of the Tender Document datedissued in respect of the Project, the Bidder is required to furnish to SSK an unconditional and irrevocable Bank Guarantee for an amount of Rs. (Rupees only) as Performance Security.

The Guarantor has at the request of the Bidder and for valid consideration agreed to provide such Bank Guarantee being these presents:

NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS:

- A. The Guarantor, as primary obligor shall, without demur, pay to SSK, Bengaluru an amount not exceeding Rs.....(Rupees.....only), within 7 days of receipt of a written demand from SSK calling upon the Guarantor to pay the said amount.

- B. Any such demand made on the Guarantor by SSK, Bengaluru shall be conclusive and absolute as regards the forfeiture of Bid security and the amount due and payable by the Guarantor under this Guarantee.
- C. The above payment shall be made without any reference to the Bidder or any other person and irrespective of whether the claim of SSK, Bengaluru is disputed by the Bidder or not.
- D. This Guarantee shall be irrevocable and remain in full force up to **180 days** or for such extended period as may be mutually agreed between SSK, Bengaluru and the bidder and shall continue to be enforceable till all amounts under this Guarantee are paid.
- E. The Guarantee shall not be affected by any change in the constitution or winding up of the Bidder/the Guarantor or any absorption, merger or amalgamation of the Bidder/the Guarantor with any other person.
- F. In order to give full effect to this Guarantee, SSK, Bengaluru, shall be entitled to treat the Guarantor as Principal debtor. The obligations of the Guarantor shall not be affected by any variations in the terms and conditions of the Tender document or other documents or by extension of time of performance of any obligations granted to the Bidder or postponement /non exercise/delayed exercise of any of its rights by SSK, Bengaluru to the Bidder and the Guarantor shall not be relieved from the its obligation under this Bank Guarantee on account of any such variation, extension, postponement, non-exercise, delayed exercise or omission on the part of SSK to the bidder to give such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving the Guarantor.
- G. The Guarantor has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under.....

In witness thereof the Guarantor has set its hands hereunto on the day, month and year first herein above written.

Signed and delivered by..... bank

By the hand of Mr/Mrs.....

Its and authorized official.

Appendix - 14
PROFORMA OF CHALLAN
(NAME & ADDRESS OF THE BIDDER)

Challans no:

Work Order No:

Date:

Name of the Districts.....

Sl.No	Name of the block	No of materials supplied	Date of receiving

Note: Receiving column will be filled up by the DDPI/Person in charge only.

Signature of:
Representative of Bidder:
Date:

Signature & Stamp of:
DDPI/Person In-Charge
Date:

CONTRACT FORM
(to be executed on Rs 100/- Stamp Paper)

THIS AGREEMENT entered into on this the ____ day of _____ (Month),
Two Thousand and ____ in Bengaluru,

BETWEEN

The State Project Director, SSK, having its office at Nrupatunga Road, K. R. Circle,
Bengaluru-01, Karnataka State, India (hereinafter referred to as “PURCHASER”)
which expression shall unless repugnant to the context include the successors and
assigns), on the one part,

AND

_____(name and address), a Legal Entity having its registered office
at _____(hereinafter referred to as “**BIDDER**”) which expression
shall unless repugnant to the context include its successors and permitted assigns, on
the other part,

WHEREAS,

SSK, floated a Tender to manufacture and supply of Math teaching learning materials
34 blocks of 06 districts of Kalyana Karnataka region, as sponsored by the SSK has
accepted the Tender submitted by the Bidder for the print and supply for a sum of
Rs.____(____Rupees_only) (herein after called “The Contract Price”).

After evaluating the proposals, SSK, has accepted the proposal submitted by M/s.
_____ and issued to such **Successful Bidder** a Purchase Order No.
_____dated _____

The Parties here to are required to enter into an Agreement, being these presents, to
record the terms & conditions and covenants set forth hereunder.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are
respectively assigned to them in Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part
of this Agreement, viz.,
 - a) The Tender Form and the Price Schedule submitted by the Bidder
 - b) The Schedule of requirements
 - c) The Technical Specifications
 - d) The General Conditions of Contract
 - e) The Special Conditions of Contract, and
 - f) The Work Order
3. In consideration of the payments to be made by the Purchaser to the Bidder as
hereinafter mentioned, the Bidder hereby covenants with the Purchaser to manufacture

and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region and to remedy defects therein in conformity in all respects with the provisions of contract.

4. The Purchaser hereby covenants to pay the bidder in consideration of the manufacture and supply of Math teaching learning materials 34 blocks of 06 districts of Kalyana Karnataka region and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

The bidder should compulsorily bid for all the items mentioned and furnish the item wise details in the given format:

Schedules	Particulars	Item code	No.of districts	No.of stes	units cost	Rate
1	Place Value Mat	PVM	6	9,004	0	0
2	Number Counters	NC	6	9,004	0	0
3	Relationship Strips	RS	6	9,004	0	0
4	Round Counters	RC	6	9,004	0	0
5	Number Line	NL	6	9,004	0	0
6	Square Counters	SC	6	9,004	0	0
7	Unifix /snap-in cubes	UC	6	9,004	0	0
8	Decimal – Place Value Mat	DPVM	6	9,004	0	0
9	Decimal Set with Tray	DST	6	9,004	0	0
10	Geo Solids with Net	GS	6	9,004	0	0
11	Geo board with Protractor	GBP	6	9,004	0	0
12	Algebraic Tiles & Cloth Bag	AT	6	9,004	0	0
13	Geometry multi Learning Aid	GMLA	6	9,004	0	0
14	Transversal Line -Teaching Aid	TL	6	9,004	0	0
15	Quadrilateral Teaching Aid	QTA	6	9,004	0	0
16	Pythagoras Theorem	PT	6	9,004	0	0
17	Circle	CL	6	9,004	0	0
18	Rotational Symmetry	RS	6	9,004	0	0
19	Polygon	PG	6	9,004	0	0
20	Congruency	CG	6	9,004	0	0
21	Dice	DC	6	9,004	0	0
22	Triangle	TR	6	9,004	0	0
23	Laminated Isometric Sheet	LIS	6	9,004	0	0
24	Platonic Solids	PS	6	9,004	0	0
25	Axis symmetry	AS	6	9,004	0	0
26	Carry Box	CB	6	9,004	0	0
TOTAL						

Total Value: Rs._____ (Rupees_____ only)

Delivery Schedule: 30 days from the next date of dummy approval.

Performance Security (Bank Guarantee) should be enclosed along with the contract agreement.

5. Assigning of Contract Agreement in whole or part

The Bidder shall not assign or make over the contract, the benefit or burden thereof to any other person or persons or body corporate. No under letting or subletting to any persons or body corporate for the execution of the contract or any other part thereof is permitted, without the written consent of the Purchaser.

6. Bidder agrees to supply the entire quantity of Math teaching learning materials to 34 blocks of 06 districts of Kalyana Karnataka region and no materials shall be sold or any portion reproduced in the open market. He further agrees that failing to adhere to this clause shall attract penal provisions and invite blacklisting of Bidder.

IN WITNESS whereof, the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

(For the Purchaser)	(For the Bidder)
Sign, seal and Delivered by the Said	Sign, seal and Delivered by the
Witnesses	Witnesses
1.	1.
2.	2.